

## Product datasheet for **AM32361PU-N**

### Integrin beta 1 (ITGB1) Mouse Monoclonal Antibody [Clone ID: Moon-4]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	Moon-4
Applications:	IHC
Recommended Dilution:	<b>Immunohistochemistry on frozen sections:</b> It binds to the cell membrane of T and B lymphocytes, monocytes, platelets, fibroblasts, endothelial cells, mast cells and smooth muscle cells.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	A BALB/c mouse was immunized. After three weeks the mouse was boosted and the splenocytes fused with myeloma cell line NSO. A positive hybridoma obtained after three limiting dilutions served as source for the hybridoma.
Specificity:	This antibody is specific for CD29.
Formulation:	PBS State: Purified State: Liquid purified Ig fraction Preservative: 0,09% sodium azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	integrin subunit beta 1
Database Link:	<a href="#">Entrez Gene 3688 Human P05556</a>



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- Background:** CD29 is an adhesion receptor and costimulatory molecule. This antigen was initially characterized as gpIIa on platelets and as the common beta1 subunit of the very late antigen (VLA) protein family. CD29 forms a non-covalent heterodimeric complex with integrin alpha subunits. It also mediates adhesion to invasin and thrombospondin.
- Synonyms:** Fibronectin receptor subunit beta, Integrin VLA-4 subunit beta, ITGB1, FNRB, MDF2, MSK12